

1. A method for scanning an image comprising the steps of:

a) obtaining a scanner having a subscan axis and having a scan bar, wherein the scan bar includes a longitudinal axis and includes a plurality of sensor elements disposed in a substantially linear array substantially along the longitudinal axis,
5 wherein the scan bar is tilted with respect to a reference axis at a substantially nonzero angle which is fixed during any image scanning of the image used to create the final scanned image, wherein the reference axis lies substantially in a plane defined by the subscan axis and the longitudinal axis, and wherein the reference axis is substantially perpendicular to the subscan axis; and

10 b) image scanning the image by relatively moving the scan bar over the image along the subscan axis.

2. The method of claim 1, wherein the image is disposed on a substantially rectangular sheet of paper, wherein the subscan axis is substantially parallel to or
15 substantially aligned with the length axis of the paper, and wherein the reference axis is substantially parallel to or substantially aligned with the width axis of the paper.

3. The method of claim 1, also including the step of having the user select a particular value for the angle for the image scanning of the image.

20 4. The method of claim 1, wherein the angle has a particular value which has been fixed during manufacture of the scanner.

5. The method of claim 1, wherein the angle has a value between and including thirty
25 degrees and forty-five degrees.

6. A method for scanning an image comprising the steps of:

a) obtaining a scanner having a subscan axis and having a scan bar, wherein the scan bar includes a longitudinal axis and includes a plurality of sensor elements
30 disposed in multiple substantially linear arrays, wherein the longitudinal axis is substantially perpendicular to the subscan axis, wherein each array lies substantially in a plane defined by the subscan axis and the longitudinal axis, wherein each array is tilted with respect to the longitudinal axis at a substantially identical and substantially

nonzero angle which is fixed during any image scanning of the image used to create the final scanned image; and

- b) image scanning the image by relatively moving the scan bar over the image along the subscan axis.

5

7. The method of claim 6, wherein the image is disposed on a substantially rectangular sheet of paper, wherein the subscan axis is substantially parallel to or substantially aligned with the length axis of the paper, and wherein the longitudinal axis is substantially parallel to or substantially aligned with the width axis of the paper.

10

8. The method of claim 6, wherein the angle has a value between and including thirty degrees and forty-five degrees.

15

9. A method for scanning an image comprising the steps of:

- a) obtaining a scanner having a subscan axis and having a scan bar, wherein the scan bar includes a longitudinal axis and includes a plurality of sensor elements disposed in at least one substantially linear array, wherein each array lies substantially in a plane defined by the subscan axis and the longitudinal axis, wherein each array is tilted with respect to a reference axis at a substantially nonzero angle which is fixed during any image scanning of the image used to create the final scanned image, and wherein the reference axis lies in the plane and is substantially perpendicular to the subscan axis; and

20

- b) image scanning the image by relatively moving the scan bar over the image along the subscan axis.

25

10. The method of claim 9, wherein the image is disposed on a substantially rectangular sheet of image media, wherein the subscan axis is substantially parallel to or substantially aligned with the length axis of the image media, and wherein the reference axis is substantially parallel to or substantially aligned with the width axis of the image media.

30

11. The method of claim 9, also including the step of having the user select a particular value for the angle for the image scanning of the image.

12. The method of claim 9, wherein the angle has a particular value which has been fixed during manufacture of the scanner.

5 13. The method of claim 9, wherein the angle has a value between and including thirty degrees and forty-five degrees.

14. The method of claim 9, wherein the at-least-one substantially linear array consists of a single array.

10 15. The method of claim 14, wherein the single array is aligned substantially along the longitudinal axis and wherein the longitudinal axis is tilted at the angle with respect to the reference axis.

15 16. The method of claim 9, wherein the at-least-one substantially linear array consists of multiple, substantially parallel arrays.

17. The method of claim 16, wherein the longitudinal axis is substantially parallel to or substantially aligned with the reference axis.

20 18. A scan bar of a scanner comprising:

- a) a scan bar body having a longitudinal axis; and
 - b) a plurality of sensor elements supported by the scan bar body, disposed substantially in a common plane in multiple substantially linear arrays, wherein each
- 25 array is tilted with respect to the longitudinal axis at a substantially nonzero angle.

19. The scan bar of claim 18, wherein each array is tilted with respect to the longitudinal axis at a substantially identical angle.

30 20. The scan bar of claim 19, wherein the identical angle has a value between and including thirty degrees and forty-five degrees.